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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/755,489	01/05/2001	Hai Bin Lin	A0-079 US	5108

23683 7590 12/02/2002

MOLEX INCORPORATED
2222 WELLINGTON COURT
LISLE, IL 60532

EXAMINER

LEON, EDWIN A

ART UNIT	PAPER NUMBER
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2833

DATE MAILED: 12/02/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/755,489

Applicant(s)

LIN ET AL.

Examiner

Edwin A. León

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 September 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. Applicant's amendment filed September 16, 2002 in which Claims 1, 6, and 10 have been amended and new Claim 17 has been added, has been placed of record in the file as Paper No. 9.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

3. Claims 1-17 are rejected under 35 U.S.C. 102(e) as being anticipated by Schell et al. (U.S. Patent No. 6,217,347). With regard to Claims 1 and 10, Schell et al. discloses an electrical connector (10), comprising: a molded plastic housing (26) having an elongated body portion (upper part of 27 that connects 32 and 33) defining a front mating face (part from which 30 and 31 protrude) and a rear terminating face (part of 27

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where 20 is mounted) of the connector (10), the elongated body portion (upper part of 27 that connects 32 and 33) having a predetermined length, a plurality of terminal-receiving passages (27a) defined by wall means (between each 27a), having predetermined lengths and extending between the mating (part from which 30 and 31 protrude) and terminating faces (part of 27 where 20 is mounted), and the wall means (between each 27a) being of generally uniform thickness between the faces along the length of the elongated body portion (upper part of 27 that connects 32 and 33); and a plurality of conductive terminals (15,20) mounted in the terminal-receiving passages (27a). See Figs. 1 and 6, and Column 4, Lines 9-27.

With regard to Claims 2 and 11, Schell et al. discloses the wall means (between each 27a) including outside walls (walls near ends 32,33). See Figs. 1 and 6, and Column 4, Lines 9-27.

With regard to Claims 3, 12 and 14, Schell et al. discloses the molded plastic housing (26) including enlarged end portions (32,33) at opposite ends of the elongated body portion (upper part of 27 that connects 32 and 33), the body portion (upper part of 27 that connects 32 and 33) being narrower than the end portions (32,33). See Figs. 1 and 6, and Column 4, Lines 9-27.

With regard to Claims 4 and 15-16, Schell et al. discloses the connector (10) being a combination connector with the elongated body portion (upper part of 27 that connects 32 and 33) including a data section (23) of the connector (10) and at least one of the enlarged end portions including a power section (22) of the connector (10). See Figs. 1 and 6, and Column 4, Lines 9-27.

With regard to Claim 5, Schell et al. discloses the terminals (23) being signal terminals and the power section (22) including at least one power terminal mounted therein. See Figs. 1 and 6, and Column 4, Lines 9-27.

With regard to Claims 6, 13 and 17, Schell et al. discloses an electrical connector (10), comprising: a molded plastic housing (26) having an elongated body portion (upper part of 27 that connects 32 and 33) longitudinally extending between opposite end portions (32,33), a plurality of terminal-receiving passages (27a) extending transversely through the body portion (upper part of 27 that connects 32 and 33), the body portion (upper part of 27 that connects 32 and 33) having a predetermined width and the end portions (32,33) having a predetermined width which is greater than the width of the body portion (upper part of 27 that connects 32 and 33); the width of the body portion (upper part of 27 that connects 32 and 33) and the width of the end portions being defined by a dimension which is transverse to the terminal receiving passages (27a) and a plurality of conductive terminals (15,20) mounted in the terminal-receiving passages (27a). See Figs. 1 and 6, and Column 4, Lines 9-27.

With regard to Claim 7, Schell et al. discloses the passages (27a) being at least in part defined by outside walls (walls near ends 32,33) of the elongated body portion (upper part of 27 that connects 32 and 33), the walls (between each 27a) being of generally uniform thickness throughout. See Figs. 1 and 6, and Column 4, Lines 9-27.

With regard to Claim 8, Schell et al. discloses the connector (10) being a combination connector with the elongated body portion (upper part of 27 that connects 32 and 33) including a data section (23) of the connector (10) and at least one of the

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end portions (32,33) including a power section (22) of the connector (10). See Figs. 1 and 6, and Column 4, Lines 9-27.

With regard to Claim 9, Schell et al. discloses the terminals (23) being signal terminals and the power section (22) includes at least one power terminal mounted therein. See Figs. 1 and 6, and Column 4, Lines 9-27.

Response to Arguments

4. Applicant's arguments with respect to claim 1-17 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edwin A. León whose telephone number is (703) 308-6253. The examiner can normally be reached on Monday - Friday 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (703) 308-2319. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Edwin A. León
AU 2833



THO D. TA
PRIMARY EXAMINER

EAL
November 26, 2002